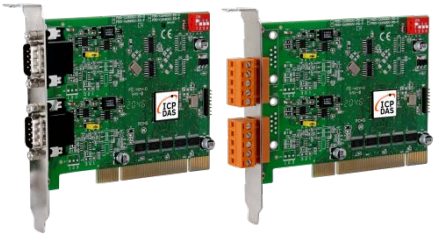
PISO-CAN200U-FD series
Quick Start

v1.0, Feb 2021

Packing List

In addition to this guide, the package includes the following items:



PISO-CAN200U-FD-T or
PISO-CAN200U-FD-D x 1

Technical Support

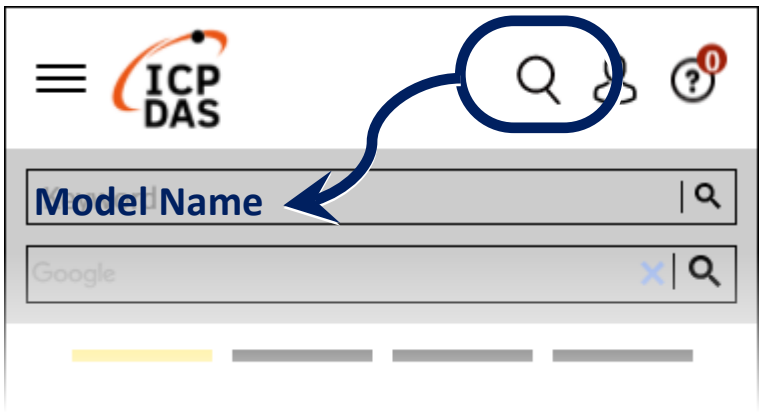
service@icpdas.com

www.icpdas.com

Resources

How to search for drivers, manuals and spec information on ICP DAS website.

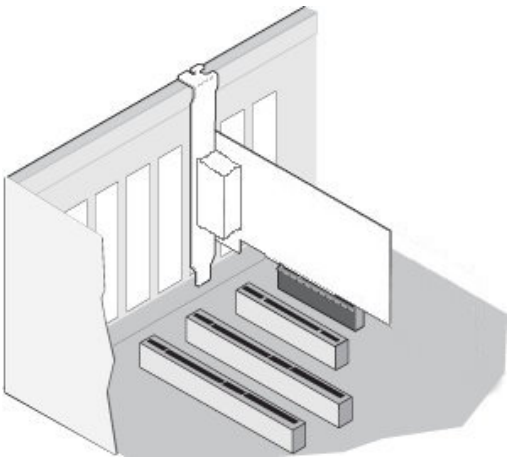
- For Mobile Web



- For Desktop Web

1 Installing the Hardware on PC

Step 1: Shut down and power off the computer.
Step 2: Remove all the covers from the computer.
Step 3: Select an unused PCI slot.
Step 4: Carefully insert the PISO-CAN200U-FD series board into the PCI slot and secure the board in place.
Step 5: Replace the covers on the computer.
Step 6: Reconnect the power supply and power on the computer.
Step 7: Once the computer reboots, follow section 2 to install the windows driver of PISO-CAN200U-FD series board.



2 Installing Windows Driver

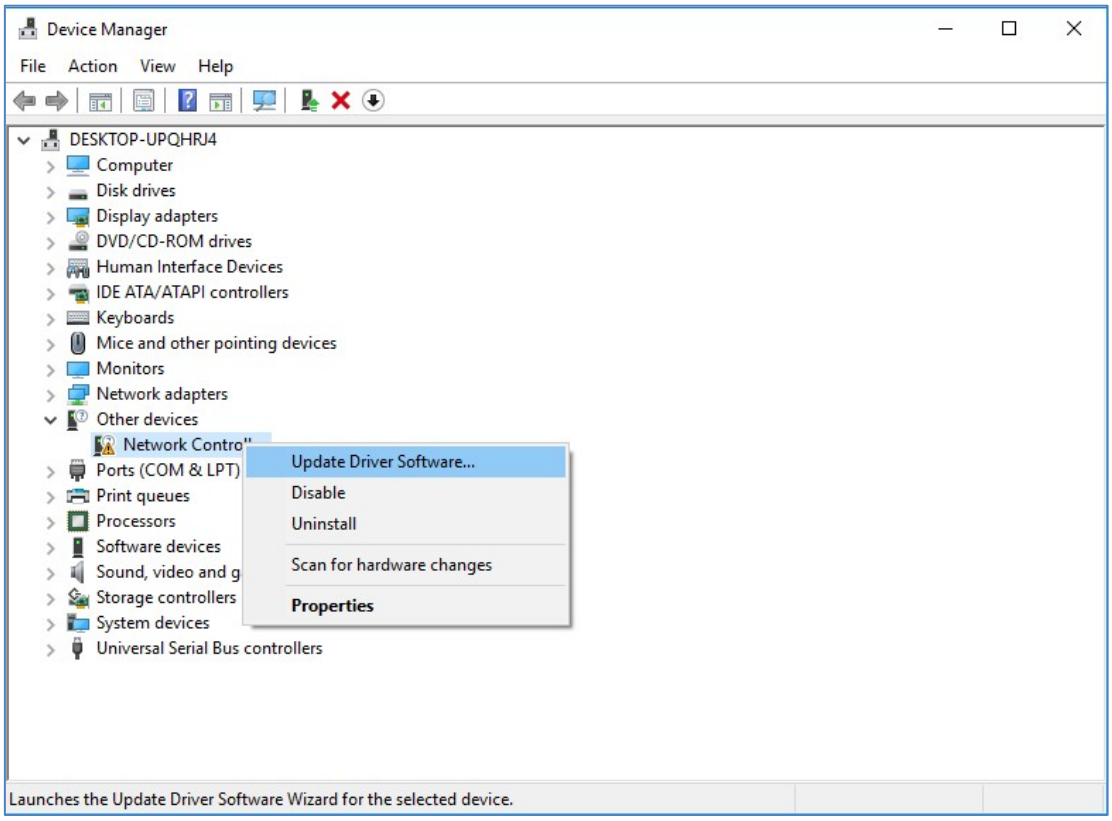
Step 1: Download or locate the Windows driver.

The **KP_CANFD** driver supports 32/64-bit Windows 7/8.1/10. It is recommended that new users install this driver, which can be found in the following location.
https://www.icpdas.com/en/download/show.php?num=3200

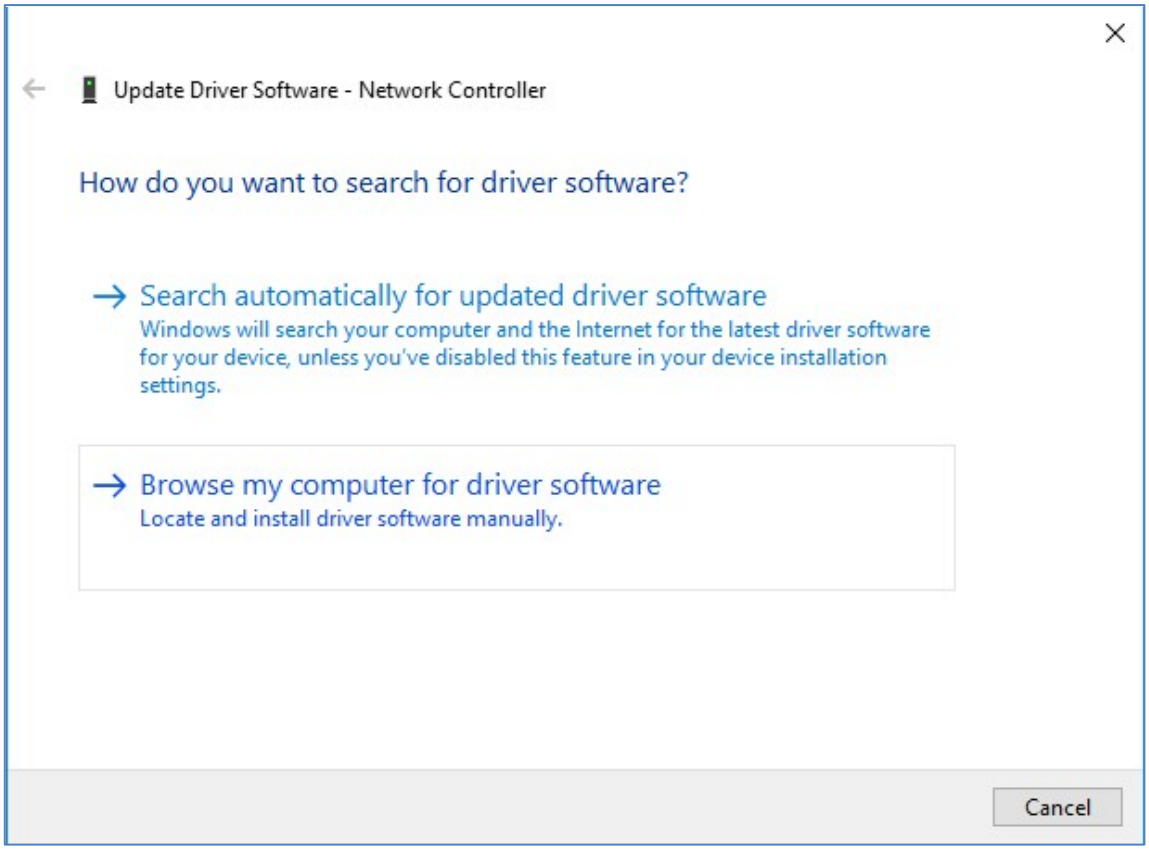
Step 2: Start to install Windows driver.

(1). Right-click the **Start** button or press the **Windows Logo** + **X** key combination on the keyboard and, from the list, click to select **Device Manager**.

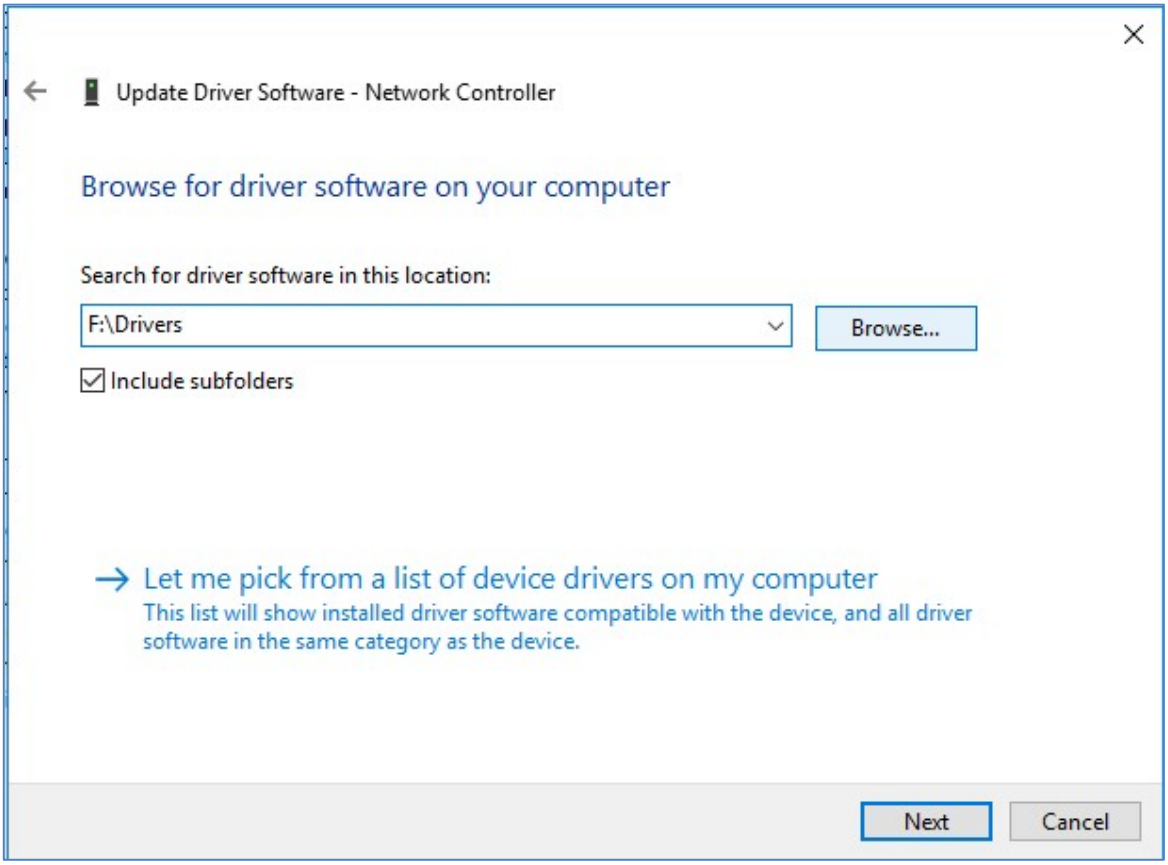
(2). On the **Device Manager** screen, select the **Network Controller** device from **Other devices** item, then right-click the mouse button. Then select **Update Driver Software…** to continue.



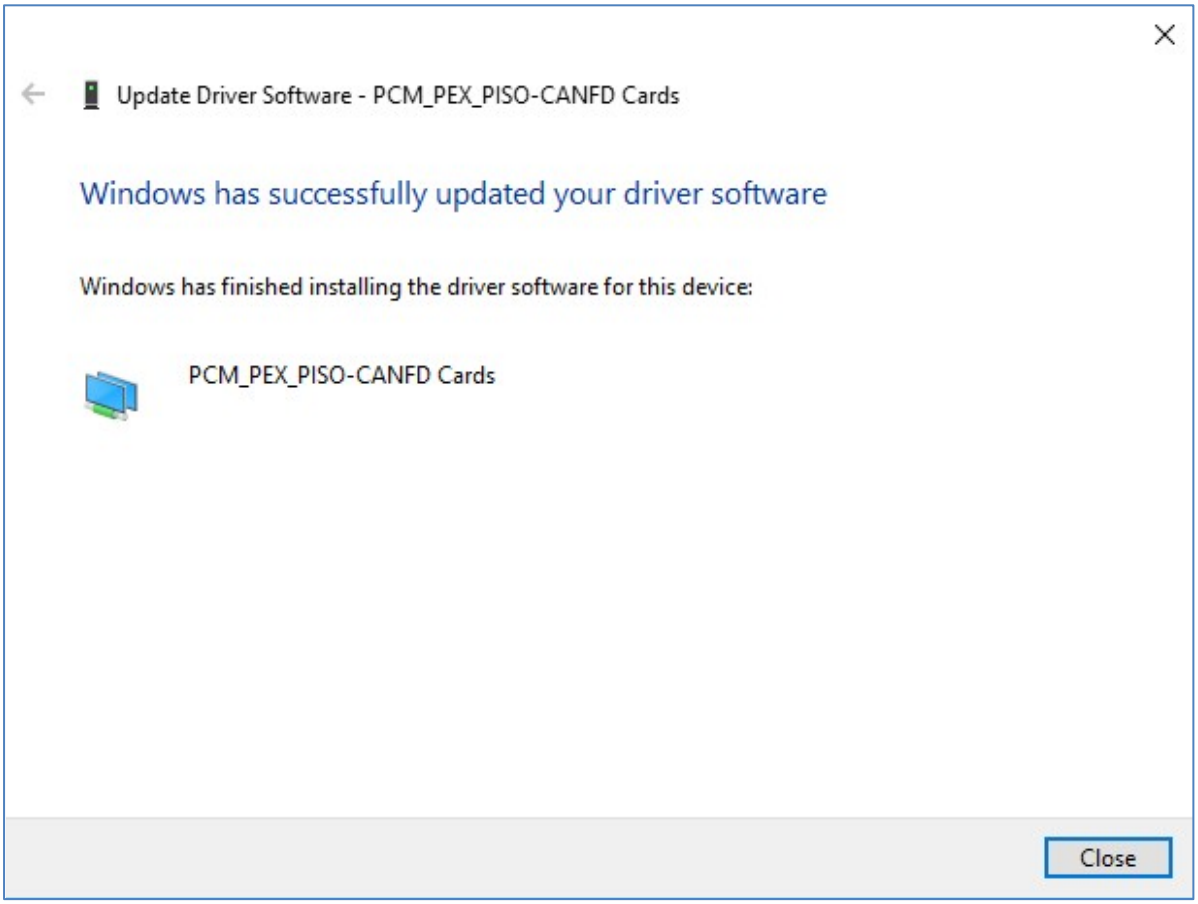
(3). On the Update Driver Software – Network Controller screen, click the **Browse my computer for driver software** to continue.



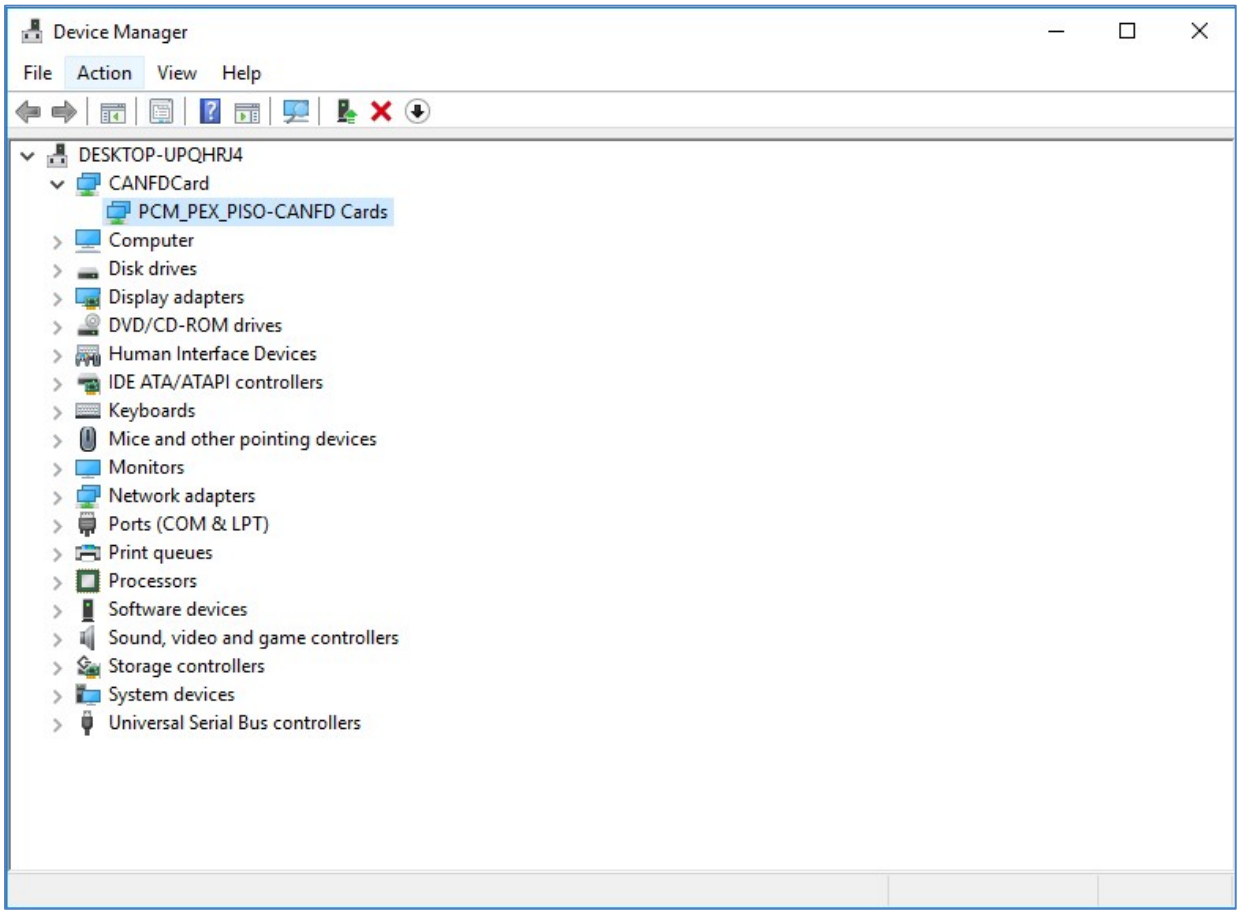
(4). Then Click the **Browser…** button to select the driver directory and click the **Next** button to start to install the driver.



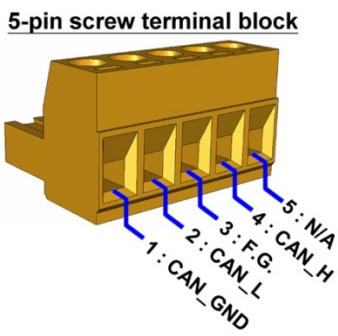
(5). Once the installation has been completed, click the **Close** button to exit.



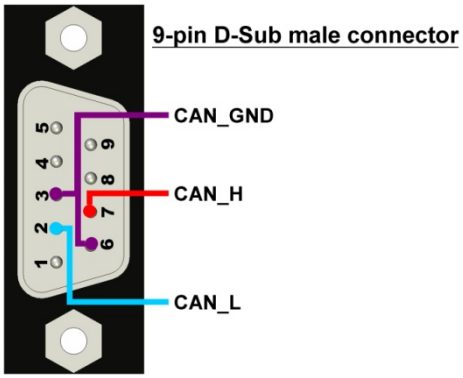
(6). After successfully to install the driver, you can see the **PCM_PEX_PISO-CANFD** Cards in **CANFDCard** item.



3 Pin Assignment

Pin Assignments for the 5-pin screw terminal connector			
Pin No.	Name	Description	
1	CAN_GND	CAN_Gnd, signal line for the CAN port.	
2	CAN_L	CAN_Low, signal line for the CAN port.	
3	F.G.	Frame Ground.	
4	CAN_H	CAN_High, signal line for the CAN port.	
5	N/A	Not used	

Pin Assignments for the 9-pin Male D-Sub connector			
Pin No.	Name	Description	
1	N/A	Not used	
2	CAN_L	CAN_Low, signal line for the CAN port.	
3	CAN_GND	CAN_Gnd, signal line for the CAN port.	
4	N/A	Not used	
5	N/A	Not used	
6	CAN_GND	CAN_Gnd, signal line for the CAN port.	
7	CAN_H	CAN_High, signal line for the CAN port.	
8	N/A	Not used	
9	N/A	Not used	



4 Testing Board

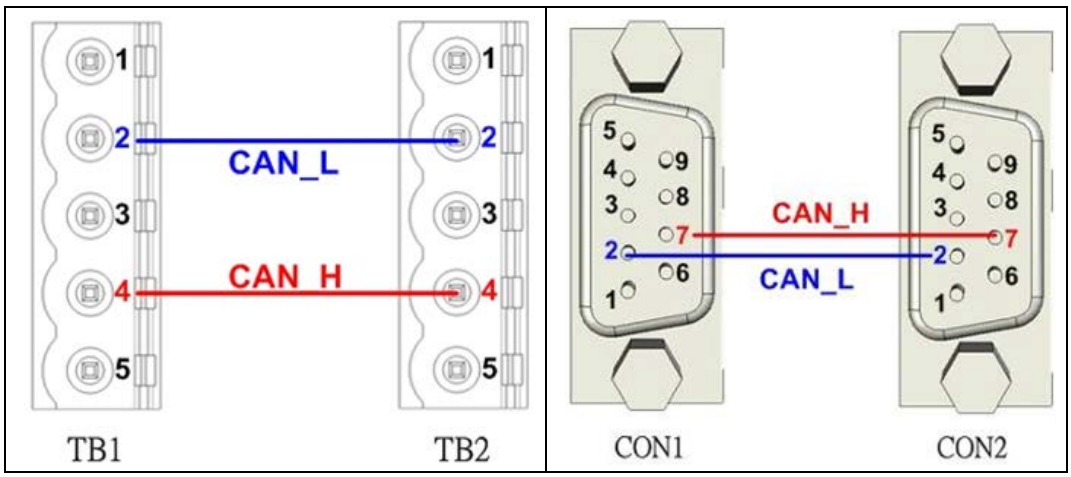
PISO-CANFD Utility is provided by ICP DAS to transmit / receive CAN/CAN FD messages for CAN Bus communication testing easily and quickly.

Step 1: Download the PISO-CANFD Utility

The software is located at:
https://www.icpdas.com/en/download/show.php?num=3199

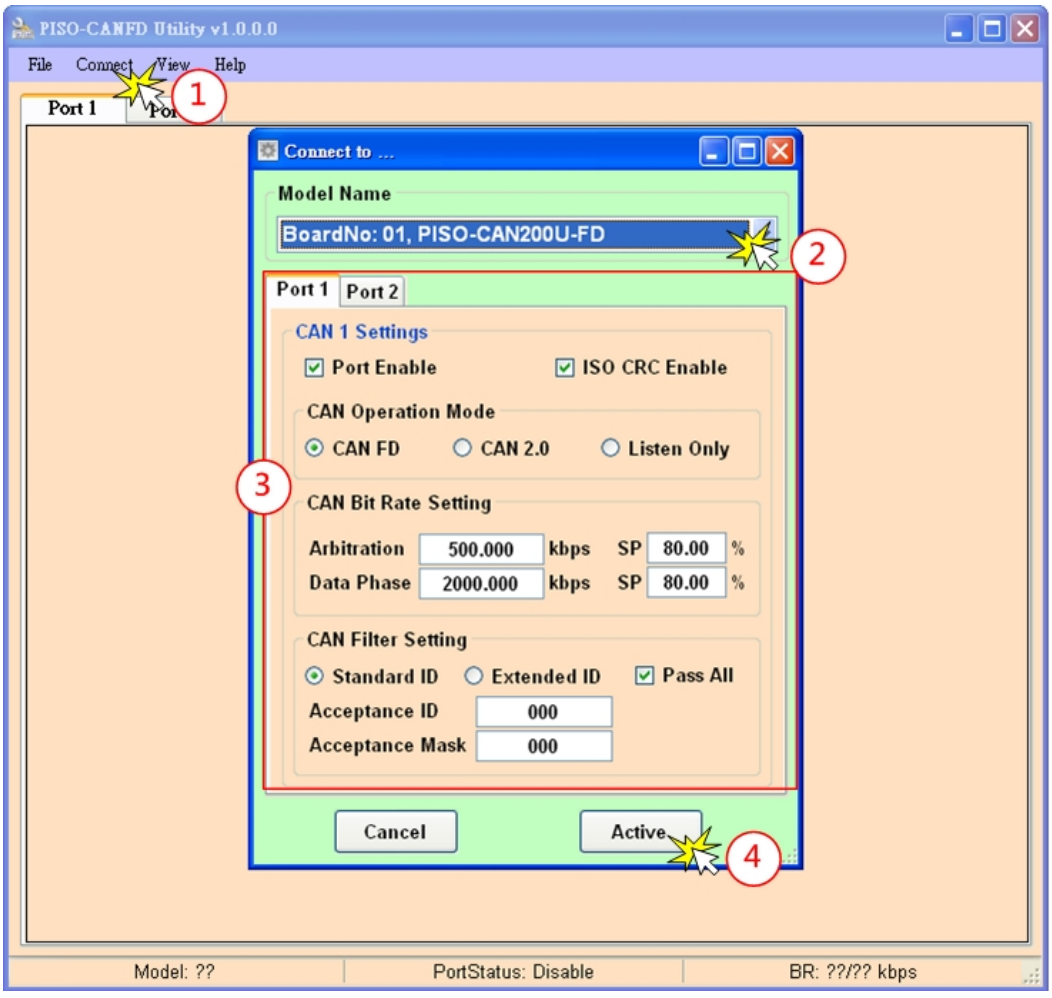
Step 2: Setting up the board

Connect the CAN_L and CAN_H pin on port1 and port2 of board.



Step 3: Active the board

Launch the PISO-CANFD Utility software.



(1). Click the “Connect to …” item to open the “Connect” frame of Utility.

(2). Select the necessary PISO-CAN200U-FD module.

(3). On the “CAN Setting location, user can set the CAN operation mode, bit rate and filter prarameters. For detail information, please refer to section “2.4. Software Utility” of user’s manual.

(4). Press the “Active” buttom to start to use the above setting to send/receice CAN messages.

Step 4: Send, receive CAN/CAN FD messages

By using the PISO-CANFD Utiltiy tool, user can send and receive CAN/CAN FD messages via the board.

Send CAN/CAN FD messages and check received CAN/CAN FD messages.